

In the Claims:

1. A multifocal contact lens comprising:
a transparent lens body having an inner concave surface and
an outer convex surface,
an aspheric portion structured to provide distant vision, and
a spherical portion disposed radially adjacent to said central
portion structured to provide reading vision.
2. The multifocal contact lens of Claim 1 including
said aspheric portion disposed within the center of said lens,
and
said spherical portion being of annular shape and surrounding
said aspheric portion.
3. The multifocal contact lens of Claim 1 including
said spherical portion disposed within the center of said lens,
and
said aspherical portion being of annular shape and surrounding
said spherical portion.
4. The multifocal contact lens of claim 2 including
said aspheric central portion and said annular spherical portion
both formed within said inner concave surface.
5. The multifocal contact lens of claim 4 including
an annular radially outward portion of said aspheric central
portion abutting said annular spherical portion having substantially the same radius
as said spherical portion.
6. The multifocal contact lens of claim 4 including
said aspheric central portion having a diameter of about 2.5 to
4 mm.
7. The multifocal contact lens of claim 5 including
said annular spherical portion having a width of about 3.5 to
5.5 mm on each side of said central portion.

8. The multifocal contact lens of claim 5 including said central portion having a minimum thickness of at least 0.1 mm.
9. The multifocal contact lens of claim 1 including said contact lens being structured to provide simultaneous distant and reading vision.
10. The multifocal contact lens of claim 1 including said lens having a generally spherical outer surface, and said aspherical central portion having its aspherical surface formed in the inner surface of said lens.
11. The multifocal contact lens of claim 10 including said annular spherical surface being formed in said inner surface.
12. The multifocal contact lens of claim 1 including said lens having a generally spherical inner surface, and said aspherical central portion having its aspherical surface formed in the outer surface of said lens.
13. The multifocal contact lens of claim 12 including said annular spherical surface formed in said outer surface.
14. The multifocal contact lens of claim 2 including said lens having only one said aspherical central portion and only one said annular spherical portion.
15. The multifocal contact lens of Claim 3 including said lens having only one said central spherical portion and one said annular aspheric portion.
16. The multifocal contact lens of Claim 2 including said lens being a surgically implantable lens.
17. A method of making a multifocal contact lens comprising: creating a contact lens blank having an outer surface and an inner surface,

creating a generally spherical surface in one of said inner surface and said outer surface,

converting a portion of said generally spherical surface into an aspherical surface, and

creating a generally spherical configuration in the other of said inner surface and outer surface.

18. The method of Claim 17 including

creating said generally spherical surface and said aspherical surface in said inner surface.

19. The method of Claim 18 including

creating said aspherical surface in the centering of said inner surface, and

creating said generally spherical surface in an annular configuration in surrounding abutting relationship with respect to said aspherical surface.

20. The method of Claim 18 including

creating said generally spherical surface in the center of said inner surface, and

creating said aspherical surface in an annular configuration in surrounding abutting relationship with respect to and generally spherical surface.

21. The method of claim 19 including

employing as said contact lens blank a generally cylindrical blank having a generally planar said outer surface and a generally planar said inner surface.

22. The multifocal contact lens of claim 19 including

establishing in said aspheric central surface abutting said annular spherical surface a generally spherical portion of generally the same radius of said spherical surface.

23. The method of claim 13 including

establishing said aspheric central surface with a diameter of about 2.5 to 4 mm.

24. The method of claim 19 including establishing said annular spherical surface with the width of about 3.5 to 5.5 mm on each side of said central surface.

25. The method of claim 19 including establishing said central surface with minimum thickness of at least 0.1 mm.

26. The method of claim 19 including creating said contact lens with a structure for providing simultaneous distant and near vision.

27. The method of claim 19 including creating only one said aspheric central surface and only one said annular spherical surface.

28. The method of claim 17 including creating said aspherical surface in said outer surface.

29. The method of claim 27 including creating said spherical surface in said outer surface.

30. The method of claim 17 including creating only one said aspherical central portion and only one said annular spherical portion.

31. The method of Claim 19 including creating said lens as a surgically implantable lens.